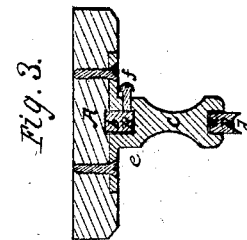
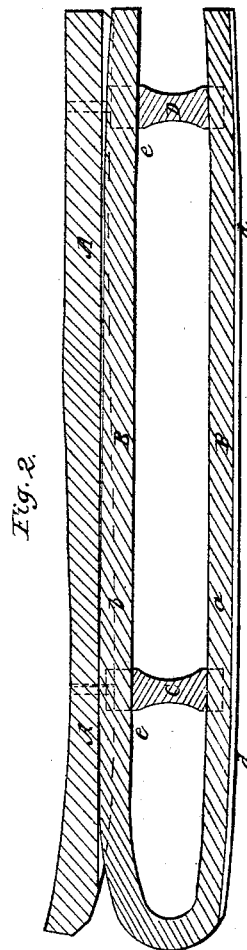
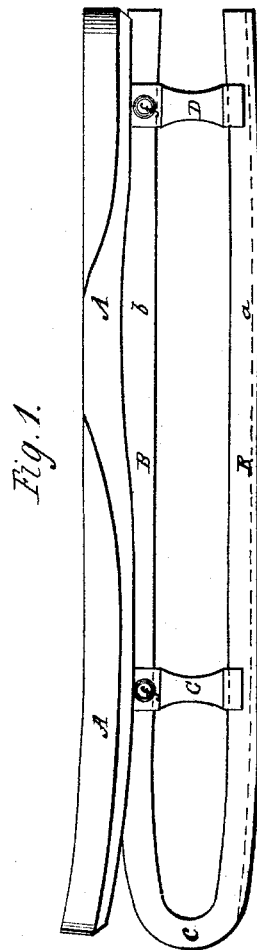


*T. W. Brown,
Skate.*

N^o 26882.

Patented Jan. 24, 1860.



*Witnesses
H. H. Cady.
F. A. Stahl Jr.*

*Inventor:
T. W. Brown*

UNITED STATES PATENT OFFICE.

THOMAS W. BROWN, OF BOSTON, MASSACHUSETTS.

SKATE.

Specification of Letters Patent No. 26,882, dated January 24, 1860.

To all whom it may concern:

Be it known that I, THOMAS W. BROWN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Skates; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1, is a side elevation; Fig. 2, a longitudinal section, and Fig. 3, a transverse section of a skate provided with my invention.

The nature of my invention consists in an improved skate, as made with a reversible runner one of whose opposite edges is plain or ungrooved, and the other fluted or grooved: Also. In an improved mode of constructing a skate, viz., with grooved and plain runner bars connected only at two adjacent ends and to the foot rest by projecting therefrom, through or into which either runner bar may be inserted endwise, and held by screws or other proper equivalent devices, the same being so that either bar may be arranged below the other as a person may desire either for skating with the grooved or the plain runner next to the ice. Also. In extending each of the brackets of the runner from the upper to the lower bar of the same in manner and for the purpose hereinafter described.

In the drawings, above mentioned, A, denotes the foot rest or part of the skate which forms the bearing for the foot of a person, and is strapped to the shoe or boot.

B, is the runner which is composed of a bar of steel or other proper metal, bent around into the form as shown in the drawings, so as to constitute two runners, *a*, *b*, united together by a curved connection as exhibited at *c*. The outer edge of one of the said parts *a*, *b*, may be grooved or hollowed out lengthwise, whereby its form in transverse section would be as shown at *d'*, in Fig. 3, the outer edge of the other part being plain or not grooved. Two metallic brackets or projections C, D, extend down from the foot rest A, each close to the foot rest being constructed with a mortise or passage *e*, of a suitable size to receive either

of the parts or bars *a*, *b*. A clamp screw, *f*, passes through the side of each mortise and against the bar above them. Furthermore, the projections or brackets, C, D, may be extended between the bars, *a*, *b*, and down against the lowermost of them, as shown in the drawings, the two projections being grooved or channeled at their lower ends to receive the lower runner, to fit it closely and give support to it in vertical and transverse directions. With a skate so made either runner, *a*, or *b*, can be arranged downward or so as to rest on the ice while the skate is in use. The ease with which change can be effected is very great, for with the clamp screws not screwed up too tightly, a person may readily by pulling the runner endwise withdraw it from its holders and after turning it over return it back to place. With this skate, he can have the advantage of using either the plain or the grooved runner next the ice.

I do not herein claim a reversible runner having one straight edge, and one curved edge or rocker as shown in Letters Patent, No. 22,932, granted to me on the 15th day of February, A. D. 1859—but

What I do claim is—

1. An improved skate, as made with a reversible runner, one of whose opposite edges is plain or not grooved and the other fluted or grooved.

2. I also claim the improved mode of constructing a skate, viz., with the plain and grooved runner bars, *a*, *b*, connected only at their two adjacent ends or as shown at *c*, and to the foot rest by projections or brackets, C, D, so as to be movable relatively to such foot rest and reversible substantially in manner and for the purpose as specified.

3. I also claim extending each of the brackets, C, D, from the upper bar of the runner, down to the lower bar thereof so as to support both of said bars as described.

In testimony whereof I have hereunto set my signature.

T. W. BROWN.

Witnesses:

R. H. EDDY,
F. R. HALE, JR.